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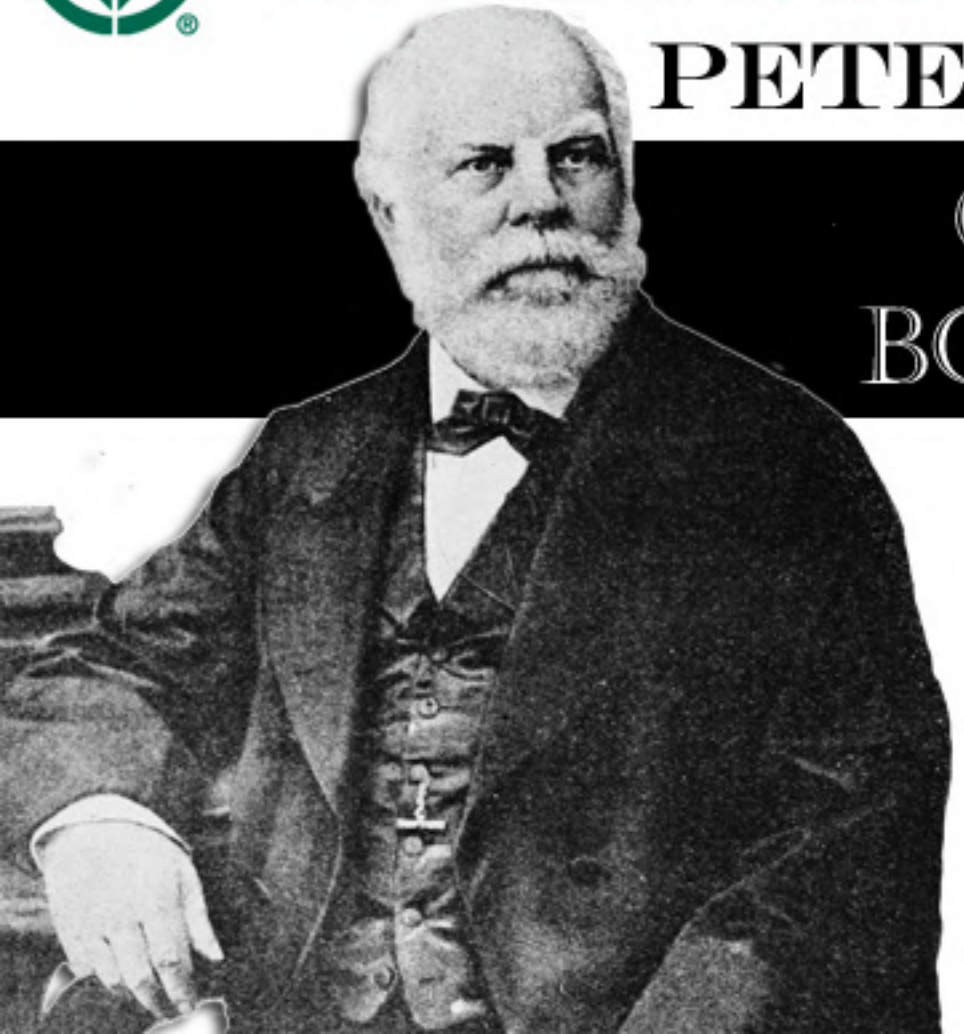

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

~~B. hirtellum~~ Pk above ×
×4

761

April 23. 1860
Cult.

ovate lanceolate rely x
as long as tube and
as ovary and as filam.
Petals
Petals linear
as long
styles divided over 3/4
way at base, as
long as stamens

Longroots (annual)

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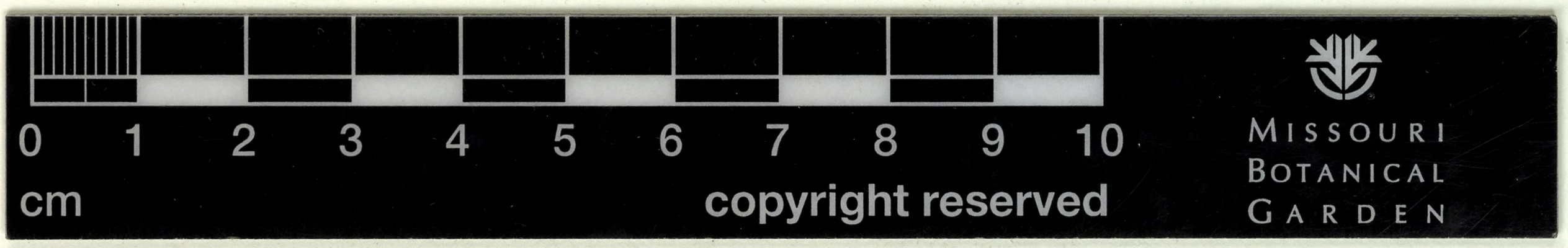

X4.

Rèn h. Fellum
(Lapham.)

June 1862

762

only x quite hairy within at throat

Lobes of Calyx
oblong obtuse a little longer than Tube, twice
as long as ovary. Petals broadly spatulat.
half long as lobes. Stamens same length
styles divided 2/3 or 3/4

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Rubus "triflorus"
Host Salix sericea June 1862

(this must be R. hirtellus)

763

stylar surface 3/4

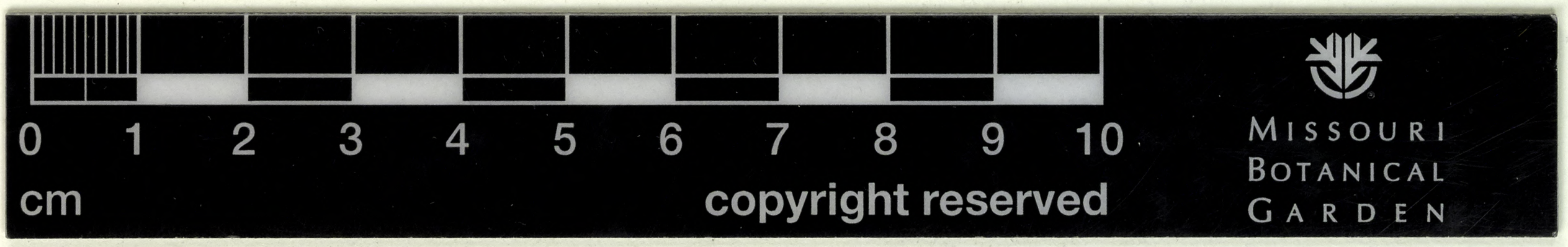
style x tube hairy at the front only

calyx oblong, nearly twice as long as tube as long as tube & ovary

petals broadly spatulate, unguiculate more than half as long as calyx

filaments as long as calyx

style exsert, divided 3/4 way hairy (naked at base)



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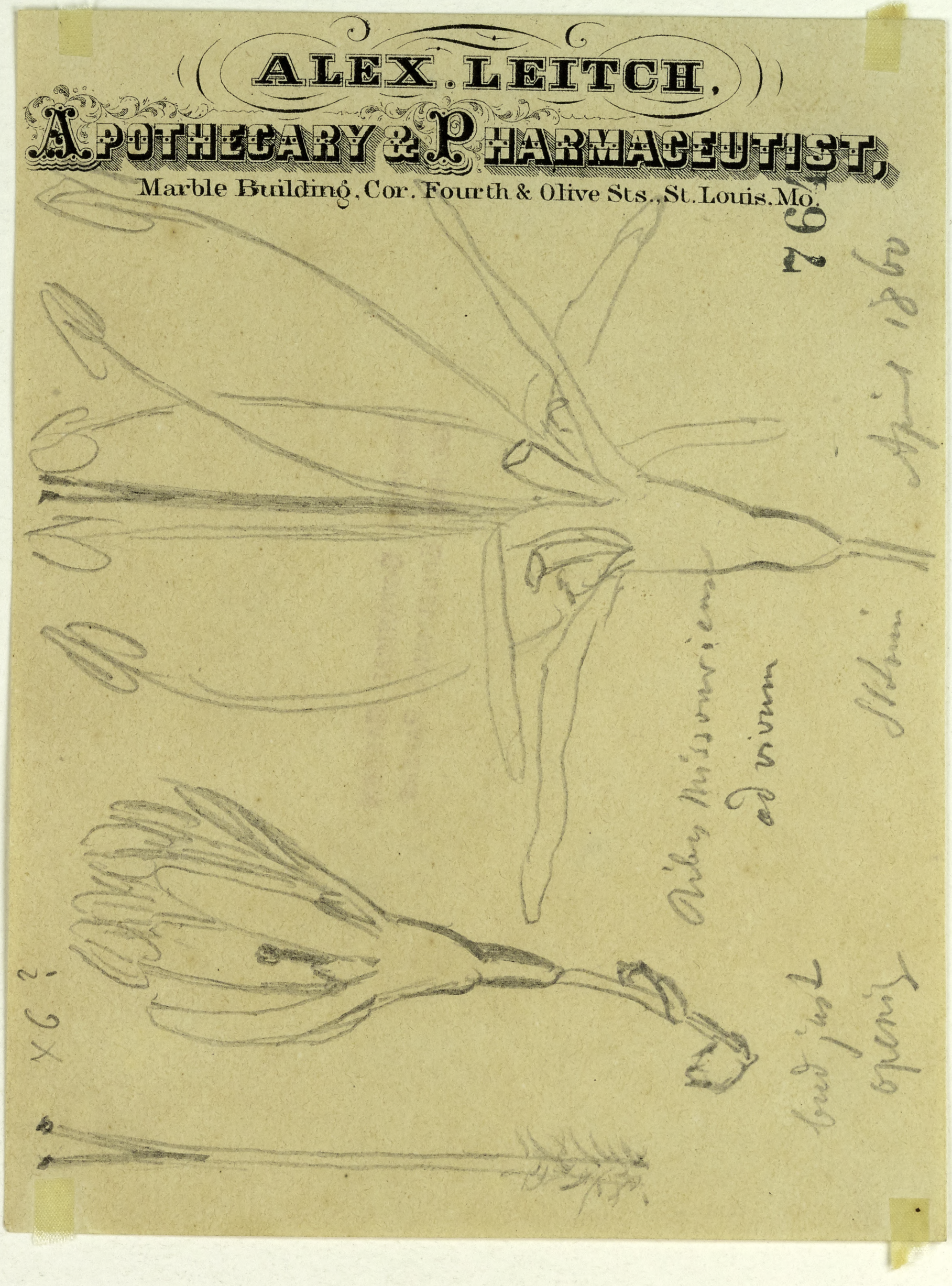

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Ribes Menziesii

June 1862

x4

one flower
seen 6 times
with 3 stig-
& petals, &c

765

whole
Calyx tube pubescent - hairy inside
lobes oblong - linear more than
twice as long as cylindric tube
longer than tube & ovary together (tube longer than
ovary). petals spatulate 1/3 the length of lobes,
stamens nearly twice as long as lobes.
Style same length, divided 1/4, hairy at base

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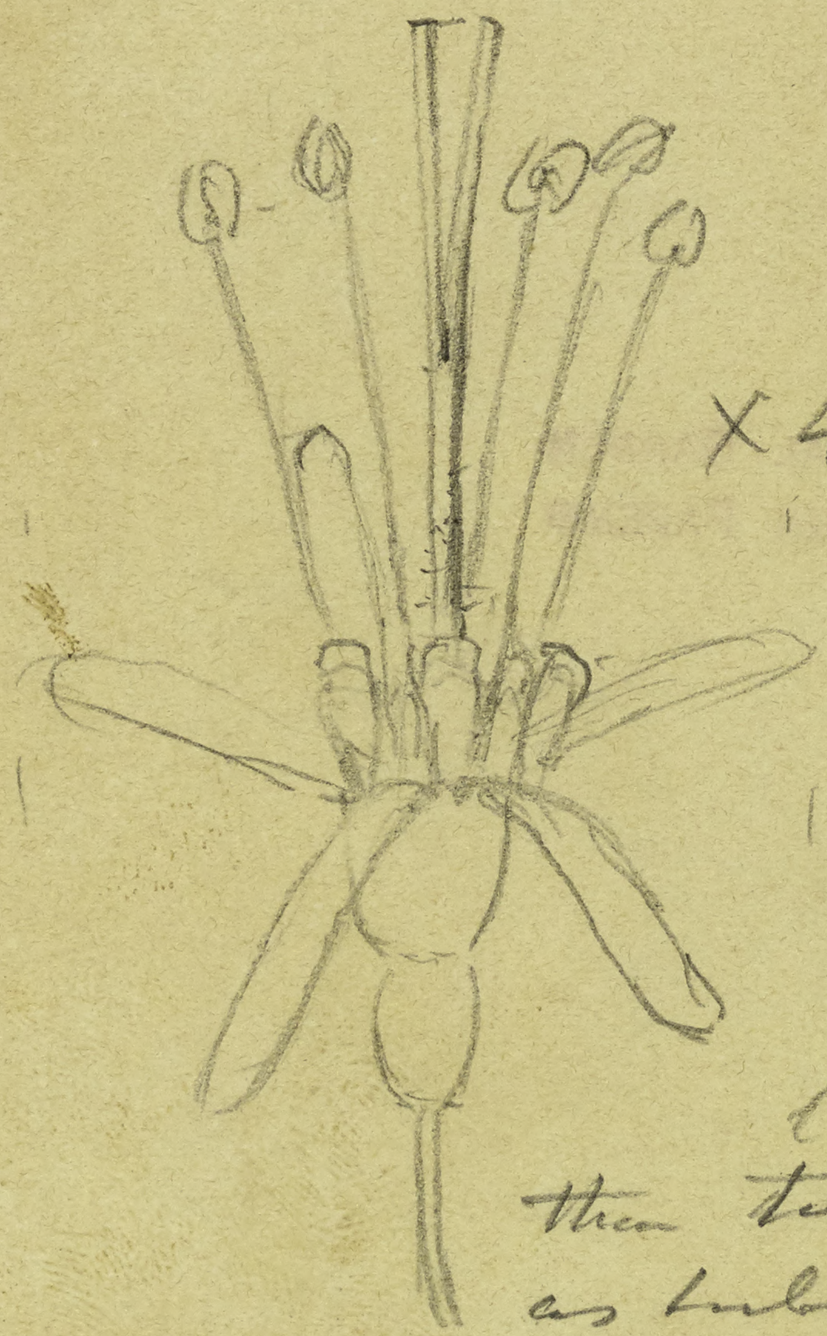
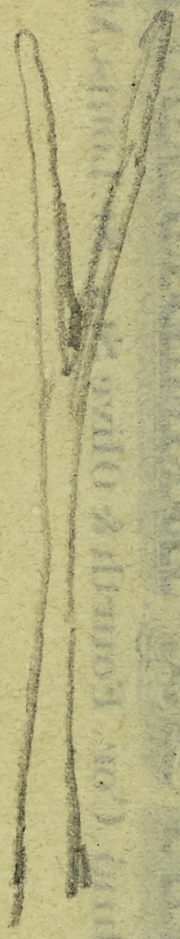
June 1862 Ribes rotundifolium Mx

Saphaw

Hale



X 4



766

lobes of calyx linear oblong, more than twice as long as tube or as long as tube & ovary together; petals a little less than half as long as lobes; filaments & style scarcely exserted - style 2-3 1/3 whole tube of calyx pubescent inside

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Philadelphia

March 1851

Fendler

Dipterandra n gen calyx tubo obovato turbinato, cum ovario connato, limbo supero 4 partito; Petala 4 alterna, unguiculata spathulata; Stamina 8 (vel ?) filamentis post dilatatis sub apice petalorum bilobis; antheris introrsis apice caudatis. Ovarium semi inferum, 4 loculare ovula in placentis loculorum angulo centrali superne adnata plurima inordinata pendula; Styli 2 filiformes; Capsula (coriacea) inferne calyce cortinata 4 locularis apice septicide 4 valvis; semina plurima pendula plurimata (compressa alata) oblonga v. testa membranacea reticulata; embryo (rectus compressus) in axi albuminis (triplo longioris) carnosi orthotropi, cotyledonibus ovatis planis, radicula superiora aequantibus.

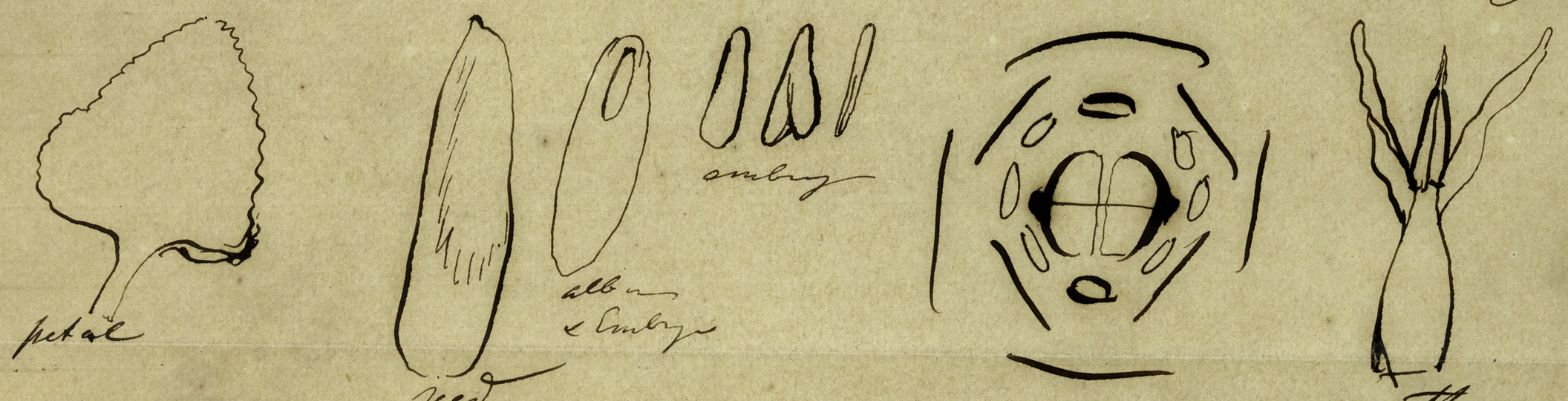
Frutex texanus, ramis glabriusculis v. pilosis oppositis 3 aemissis, internodiis, foliis axillaribus solitariis,

Dipterandra Lindheimeri foliis breviter petiolatis, lanceolatis, (ambis) supra glabris subtus pilosulis, pedicellis calycem aequantibus, (ovatis) glabris; petalis (triangulato) spathulatis v. crenato-erosis, x capsula cornea calycem duplo. (triplo excedente)

x alis filamentorum antherarum inferiorum

Comb. 2-4 feet high, near N. Braunfels

rare on perpendicular rocks — capsules of last year still persistent — in spring, with the seeds in; — in April & May. — Leaves 1 inch long, 3-5/12 lines wide — young shoots a little larger flowers about ½ inch in diameter; capsule 3/4 inch long



plants only in the upper part of the cone-capsule — seeds pendulous filling also the lower half — embryo only 1/3 the length of the albumen which is much smaller than the testa. — After flowering the petals leave around the ovary 4 rhomboid scars, and fine allernately with

767

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The 4 smaller ones — (from 4 stamens?)

~~2 those opposite~~ 2 pistils opp

to other 2 lobes of Calyx.

1857 Linh collected the plant abundantly.

The flowers are 8 androus —

anthers cuneate — 4 exterior fila-

ments covering the 4 interior ones

Missouri Botanical Garden
George Engelmann Papers

or a new spec.

Saxifraga Jamesii Torrey Ly. NY. 2 p 204

Heuchera ? n s/ Hook fl. Bor A. I, 247 t. 84

Flowers axilary on short peduncles. disposed in secund spikes. each flower (except the upper one) subtended by two opposite foliaceous bracts; shorter than the calyx; calyx inflated obconic somewhat angled at the base distinctly pubescent with glandular hairs. sepals 5 foliaceous obtuse as long as the tube of the calyx slightly spreading at the tips. calyx coherent with the ovary at its lower part.

Petals 5 roundish ovate, alternate with the sepals, and attached to the tube of the calyx by a long tapering claw. Stamens 10 with short filaments somewhat thickened below and attached to the projecting ring of the lower tube of the calyx ~~along tapering~~ a where it joins the ovary; each stamen alternate opposite each petal & sepal. anthers innate. Styles two (2) coherent, or separated tapering upwards as long or longer than the stamens. tipped with a slightly two lobed stigma. slightly exserted from the tube of the calyx.

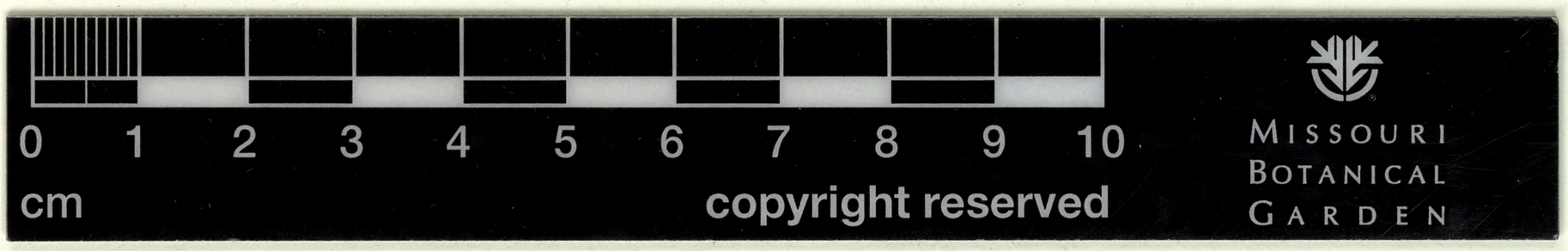
Radical leaves ~~ternate~~ pinnate irregularly and doubly serrate abruptly tapering into a prolonged petiole. twice the length of the lamina. scape leaves alternate smaller becoming sessile above. consisting of the form of foliaceous bracts.

Plant two to 4 inches long growing in close tufts on the crevices of granite rocks. whole plant covered with a glandulas pubescence. flowers bright pink red. conspicuous petals finely denticulate, roots resembling those rock cornice Heucheras sheathed with the remains of previous season leaves — x —

obtuse calyx lobes, obtuse, long clawed, distinctly petals, serrate to distinguish it from Jamesii

Should this prove new I propose for it the name of H. glandulosa. If I remember right there are several decandrous Heuchera's described having red flowers. Did not Wislizenus get one?

768



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769

E. A. Engler

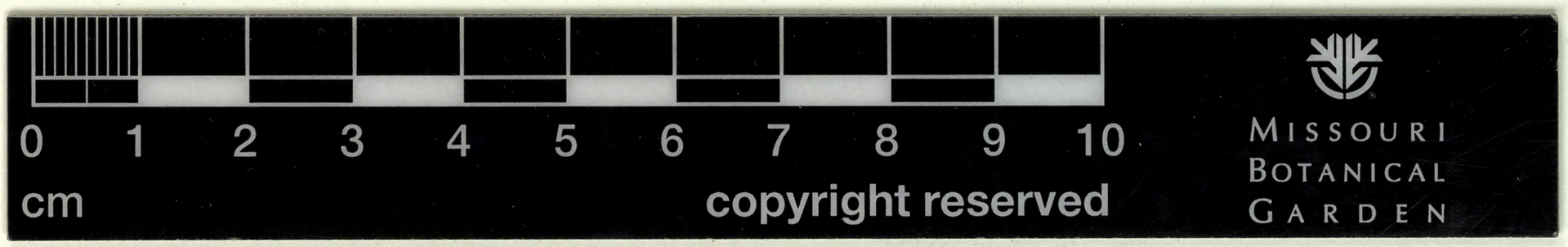
Index criticus spec. & syn. gen.

Saxifraga L.

– in Verhandl. d. zool. botan. Gesellsch. Wien

1869 XIX pp. pag. 513–556

B. Roth. Stud. St Louis



Henry King M.D. Dr

1837			
Dec	31	To semiannual tax to date	5 00
1839			
Dec	31	" " " taxes to date	20 00

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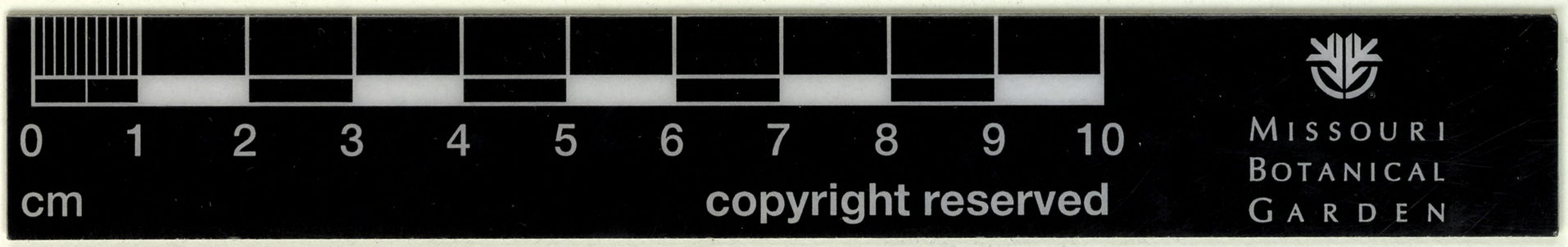

Sexfinga Pennsylvanica — May 9. 1876

dried, soaked

New York

Hbd Bot Frankf.

Ohio, Rickl

770

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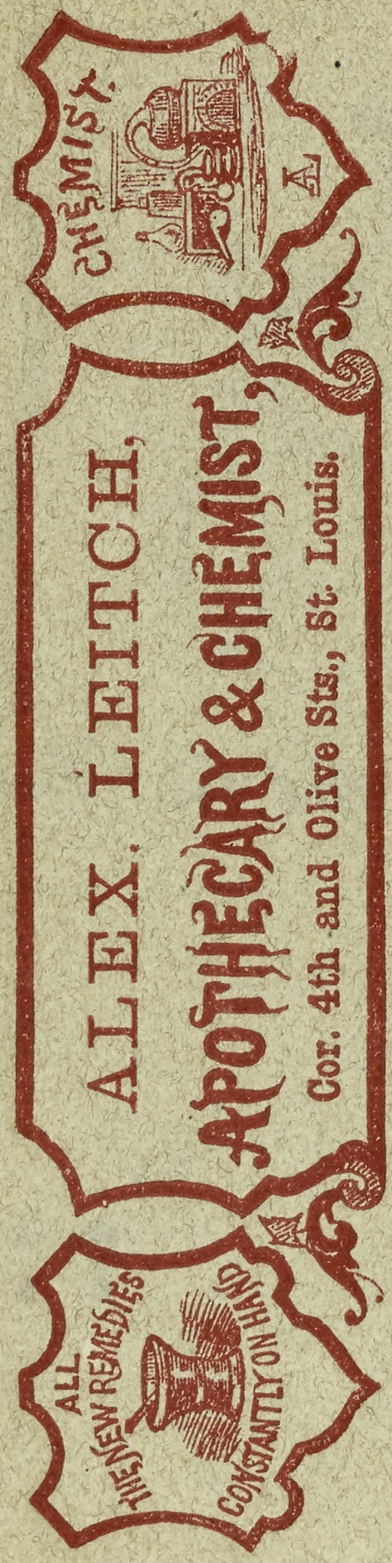

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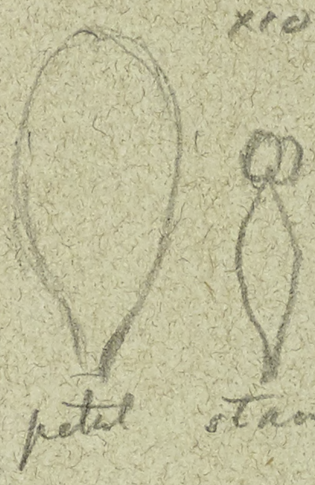
May 9 1896

Saxifraga erosa

Wolfe, Pennsylv.

(dried, soaked



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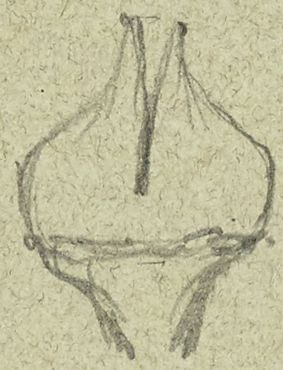

Stigma very small

Ovary almost entirely

superior

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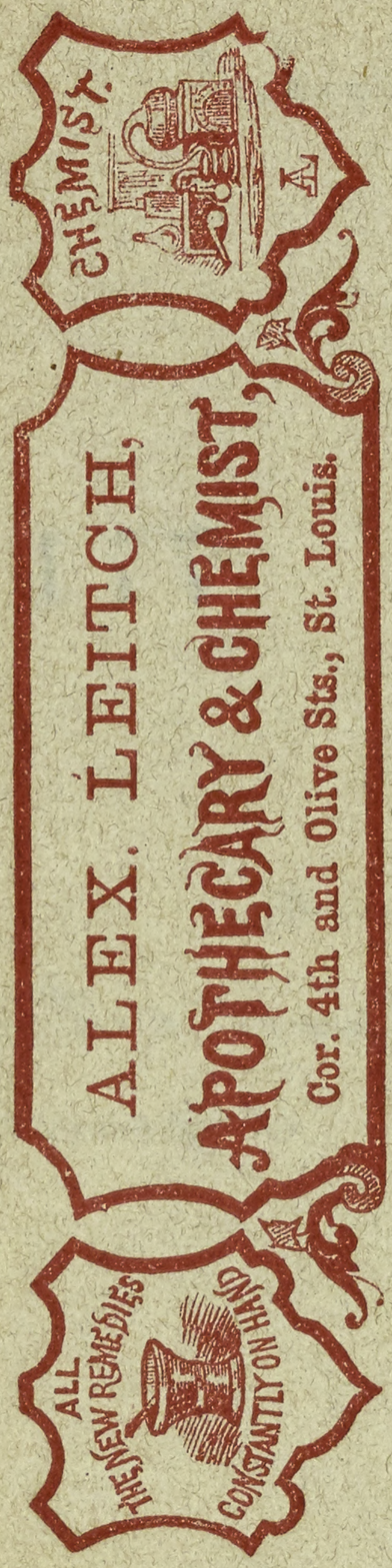

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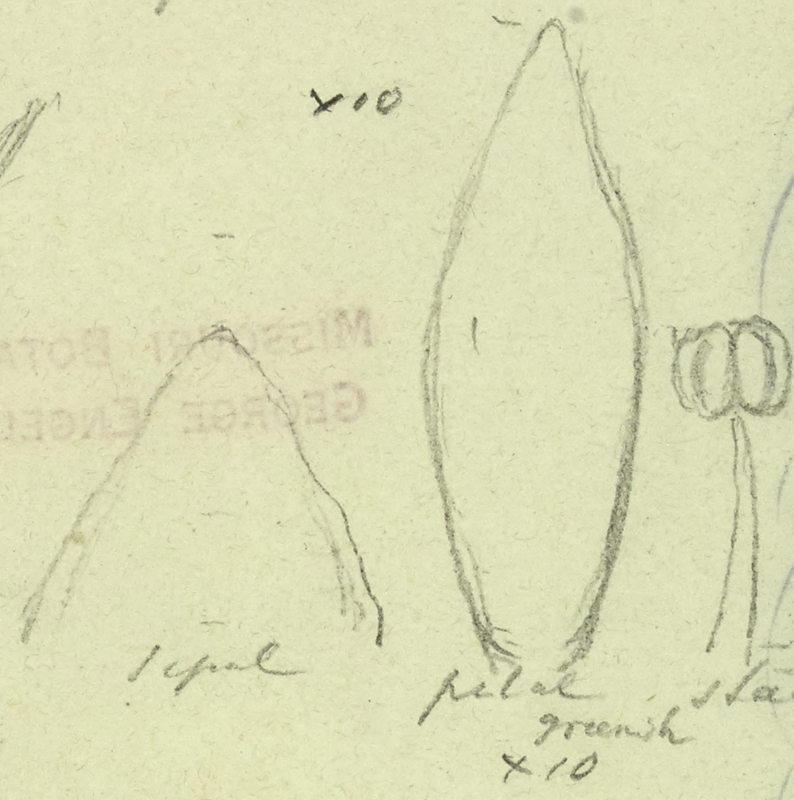
Saxifraga Forbesii Druce April 25 1876

fresh, cult in my Garden



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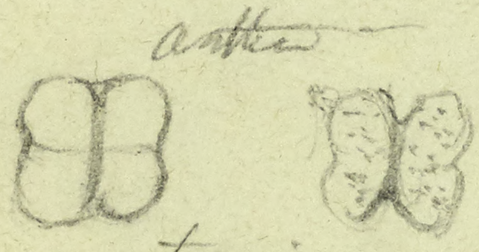

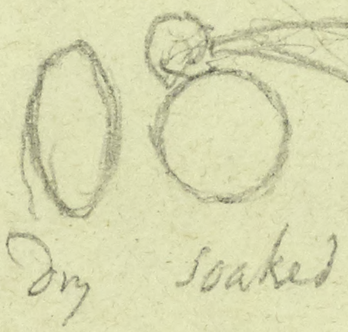

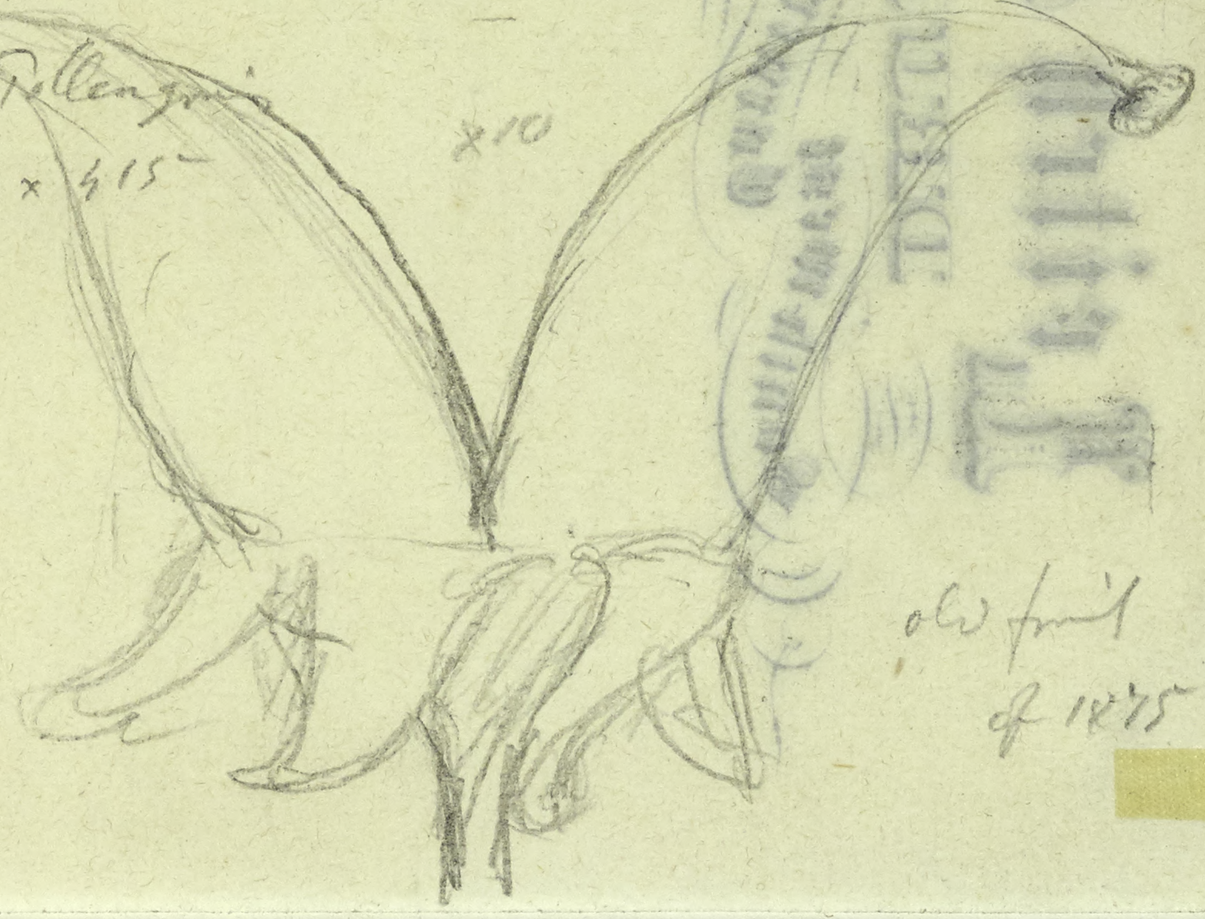

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Smith & Griffith
DRUGGISTS
Corner Fifth and Market Streets
Southwest

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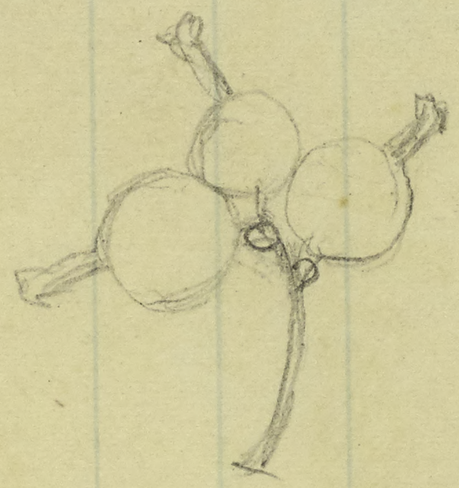
Banks of Rivulet towards Georgetown Pass Aug 5th
on Bart Creek.

Lagoons Aug 12 1874

Rivulet irrigation



×4

Shaded rock, up Clear Cr. Aug 27

Leaves sessile ÷ 3'
calyx divided 2/3 segments
oblong linear erect or reflexed,
petals spatulate, half as long
Tube of calyx lining inside
anthers linear oblong, filament twice as long, smooth, inserted at throat
style divided 2/3 lower part very hairy

Style divided 2/3 lower part very hairy

773

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Asters

Limpsire, Aug 9 1874

uppermost part of Clarence Valley, above the Sawmill

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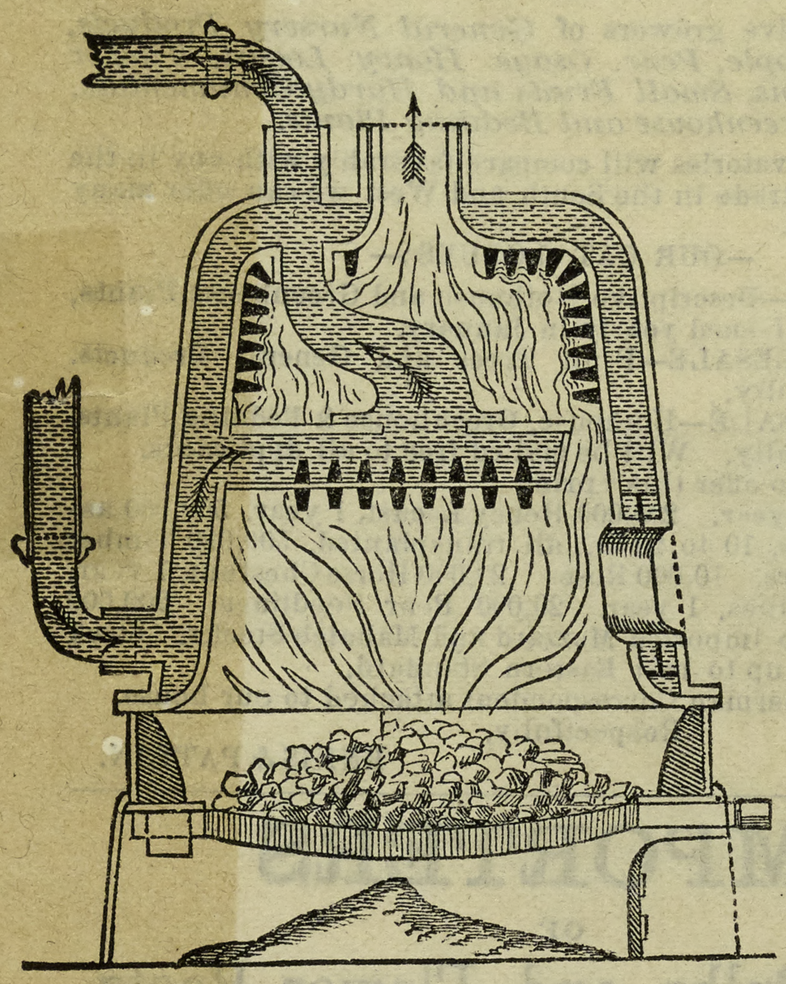

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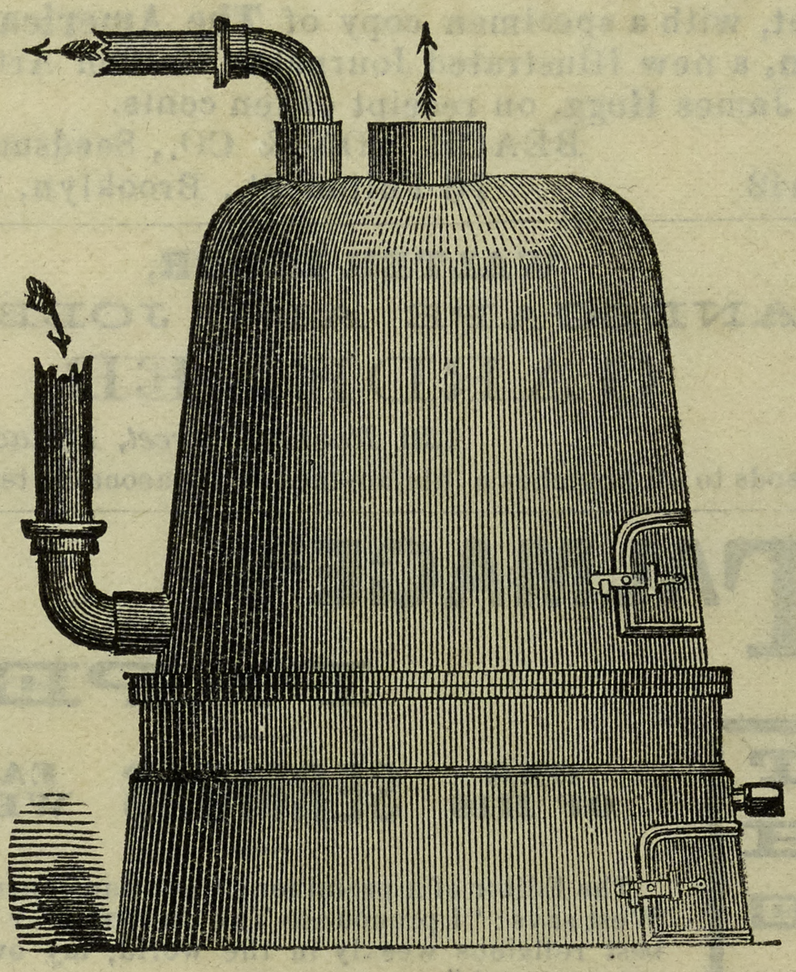

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0 1 2 3 4 5 6 7 8 9 10 cm
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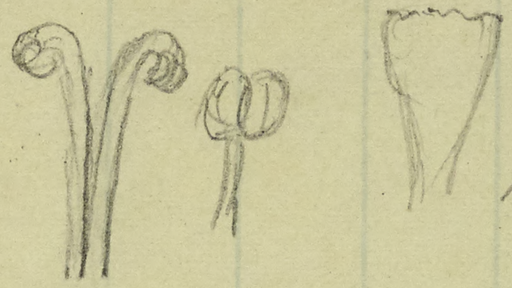
MISSOURI BOTANICAL GARDEN

Clear Creek Valley
Aug 6 x10 1874

A [illegible] var
= R. setosus Dougl
fide Dr. Gray

Pompeys Aug 11 1874

74



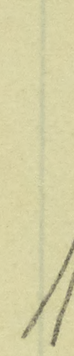
petal

774

petals cuneate
spatulate
truncate or retuse

styles
dried
nearly to base

Burthoods Pass Sept 2 berries a little larger
sometimes 4 or 5 in a raceme (not equally developed)
4 carpels globose
young fruit angular (10-angled), when
fully ripe globose or depressed, angles
obliterated.



glandular
bristle
of
Berry
subulate

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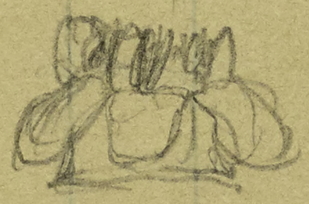
Ribes prostratum

Sept 5 - 1874

775

Berries 8–12 mm
Globose round
or somewhat
oval
slightly glandular – bristly



× 4

petal

Flat tube
petals fan-shaped
Style bifid nearly
to base

Styles

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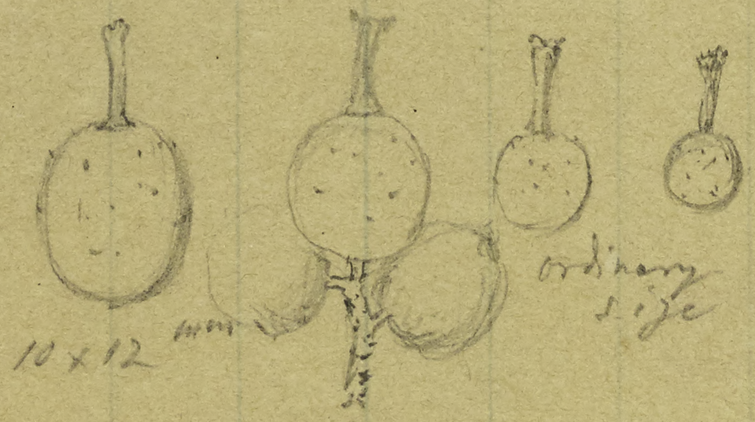
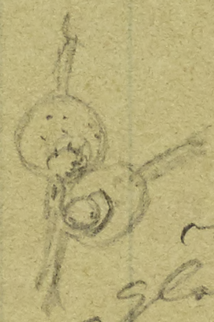
Ribes Cereum

Rocky slopes



Empire Aug 9 [illegible]

scarlet, rather bright berries,
nearly glandless, of the small
and bark of Ribes nigrum
bark slightly



similar
glandless
forms, of the previous

old flower on
top of fruit

[illegible] 6

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